

IN THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application. Please amend claims 1 and 9-11 as follows:

Listing of Claims

1. (Currently Amended) An information process apparatus that manages data recorded on a record medium, comprising:

first generation means for generating management information, ~~during a record medium format process~~, that associates a first identifier, that can identify the data in any storage area, with directory path and file name information about the data;

second generation means for generating a second identifier that can identify the data only in a storage area of the record medium ~~when the data is updated~~, the data amount of the second identifier being smaller than that of the first identifier;

addition means for adding the second identifier generated by the second generation means to the management information to associate the second identifier with the information about the data; and

record means for recording the management information, to which the second identifier has been added by the addition means, on the record medium.

2. (Original) The information process apparatus as set forth in claim 1, wherein the data contain at least one of video data, audio data, and meta data added to the video data.

3. (Original) The information process apparatus as set forth in claim 1,
wherein the information about the data contains information about a directory path name
and a file name of the data.

4. (Original) The information process apparatus as set forth in claim 1,
wherein the first identifier is composed of 64 bytes and the second identifier is composed
of 20 bits.

5. (Original) The information process apparatus as set forth in claim 1,
wherein the second identifier is composed of a first portion that represents the type of the
data and a second portion that represents a serial number of the second identifier.

6. (Original) The information process apparatus as set forth in claim 5, further
comprising:

search means for searching a plurality of second identifiers recorded on the record
medium for the maximum value of the second portion,

wherein the second generation means generates the second identifier according to the
maximum value for which the search means has searched so that the second identifier does not
become redundant to the plurality of second identifiers recorded on the record medium.

7. (Original) The information process apparatus as set forth in claim 1, further
comprising:

reproduction means for reading the data from the record medium and reproducing the data.

8. (Original) The information process apparatus as set forth in claim 7, further comprising:

read means for reading the management information read by the record means; and
hold means for holding the management information read by the read means,
wherein the reproduction means reads the data to be reproduced from the record medium according to the management information read by the read means and held by the hold means and reproduces the data.

9. (Currently Amended) An information process method for an information process apparatus that manages data recorded on a record medium, the method comprising the steps of:

generating management information ~~during a record medium format process~~ that associates a first identifier, that can identify the data in any storage area, with directory path and file name information about the data;

generating, ~~when the data is updated,~~ a second identifier that can identify the data only in a storage area of the record medium, the data amount of the second identifier being smaller than that of the first identifier;

adding the second identifier generated by a process of the second generation step to the management information to associate the second identifier with the information about the data;
and

controlling the recording of the management information, to which the second identifier has been added by a process of the addition step, on the record medium.

10. (Currently Amended) A computer program, embodied on a non-transitory computer-readable medium, that causes a computer to execute a process that reproduces data recorded on a record medium, the program comprising the steps of:

generating management information ~~during a record medium format process~~ that associates a first identifier, that can identify the data in any storage area, with directory path and file name information about the data;

generating, ~~when the data is updated,~~ a second identifier that can identify the data only in a storage area of the record medium, the data amount of the second identifier being smaller than that of the first identifier;

adding the second identifier generated by a process of the second generation step to the management information to associate the second identifier with the information about the data; and

controlling the recording of the management information, to which the second identifier has been added by a process of the addition step, on the record medium.

11. (Currently Amended) A computer readable record medium on which data reproduced by an information process apparatus are recorded, management information ~~generated during a record medium format process~~ that associates a first identifier, that can identify the data in any storage area and a second identifier ~~generated when the data is updated~~ that can identify the data only in a storage area of the record medium, the data amount of the second identifier being smaller than that of the first identifier, with directory path and file name information about the data being recorded on the record medium.